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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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7.17.03

In re application of : Confirmation No. 3378
Mitsuaki OSHIMA et al. : Docket No. 2000_1420
Serial No. 09/686,467 : Group Art Unit 2634
Filed October 12, 2000 : Examiner A. Le
COMMUNICATION SYSTEM :

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Technology Center 2600

SUBMISSION OF FORMAL DRAWINGS

Commissioner for Patents
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RESPONSE UNDER 37. CFR 1.116
EXPEDITED PROCEDURE
EXAMINING GROUP 2634

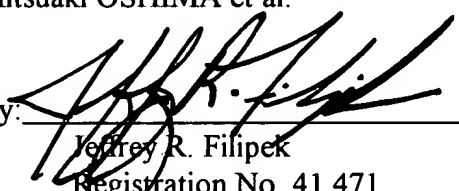
Sir:

Submitted herewith are 13 sheets of formal (8½ x 11) drawings (Figs. 2, 10, 17, 29, 48, 65, 67, 93, 112, 131, 138, 144, and 169) incorporating the changes included in the Letter Re Proposed Drawing Amendments filed concurrently herewith.

Respectfully submitted,

Mitsuaki OSHIMA et al.

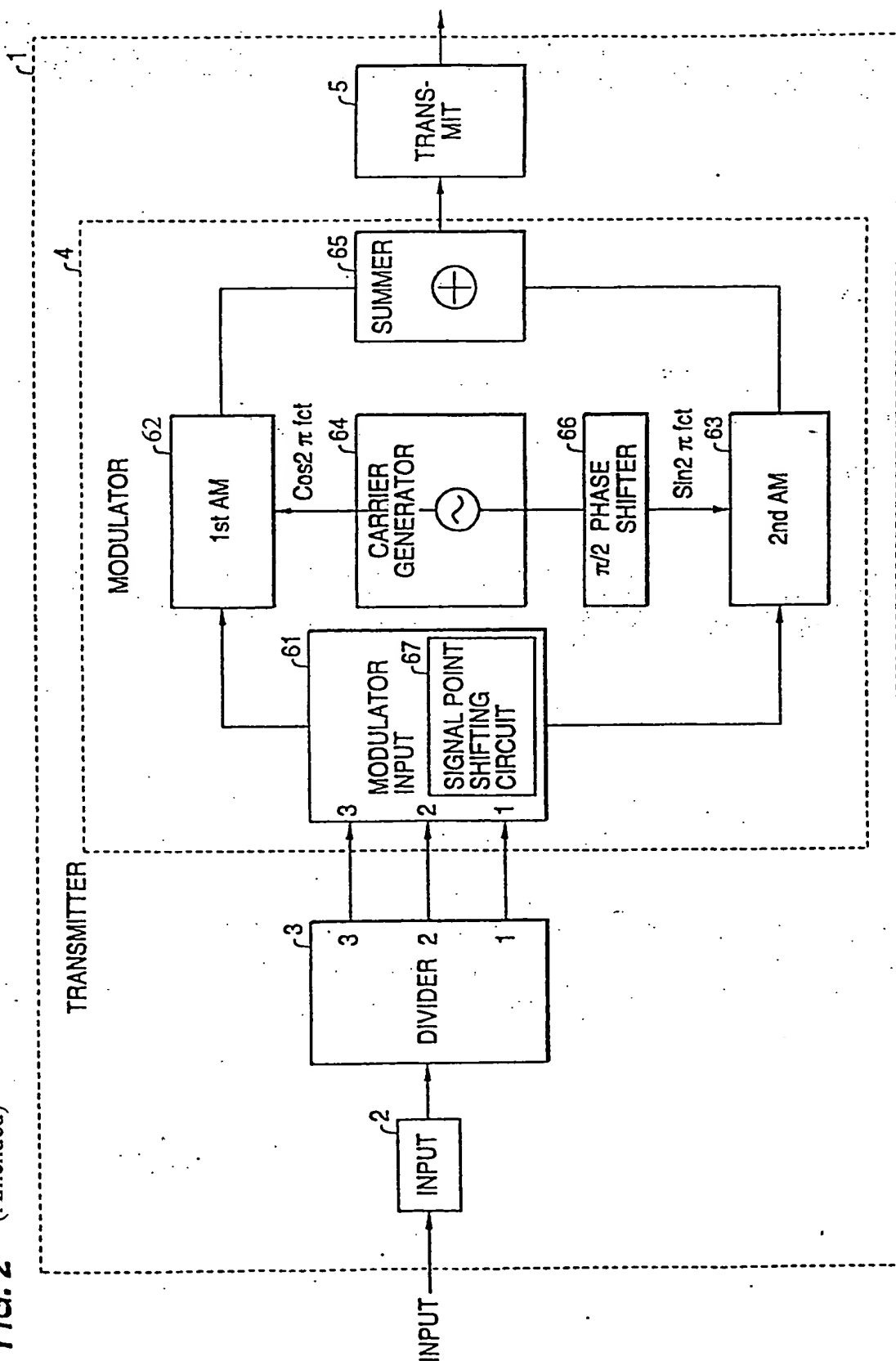
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July 14, 2003



FIG. 2 (Amended)



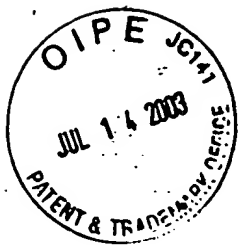


FIG. 10 (Amended)

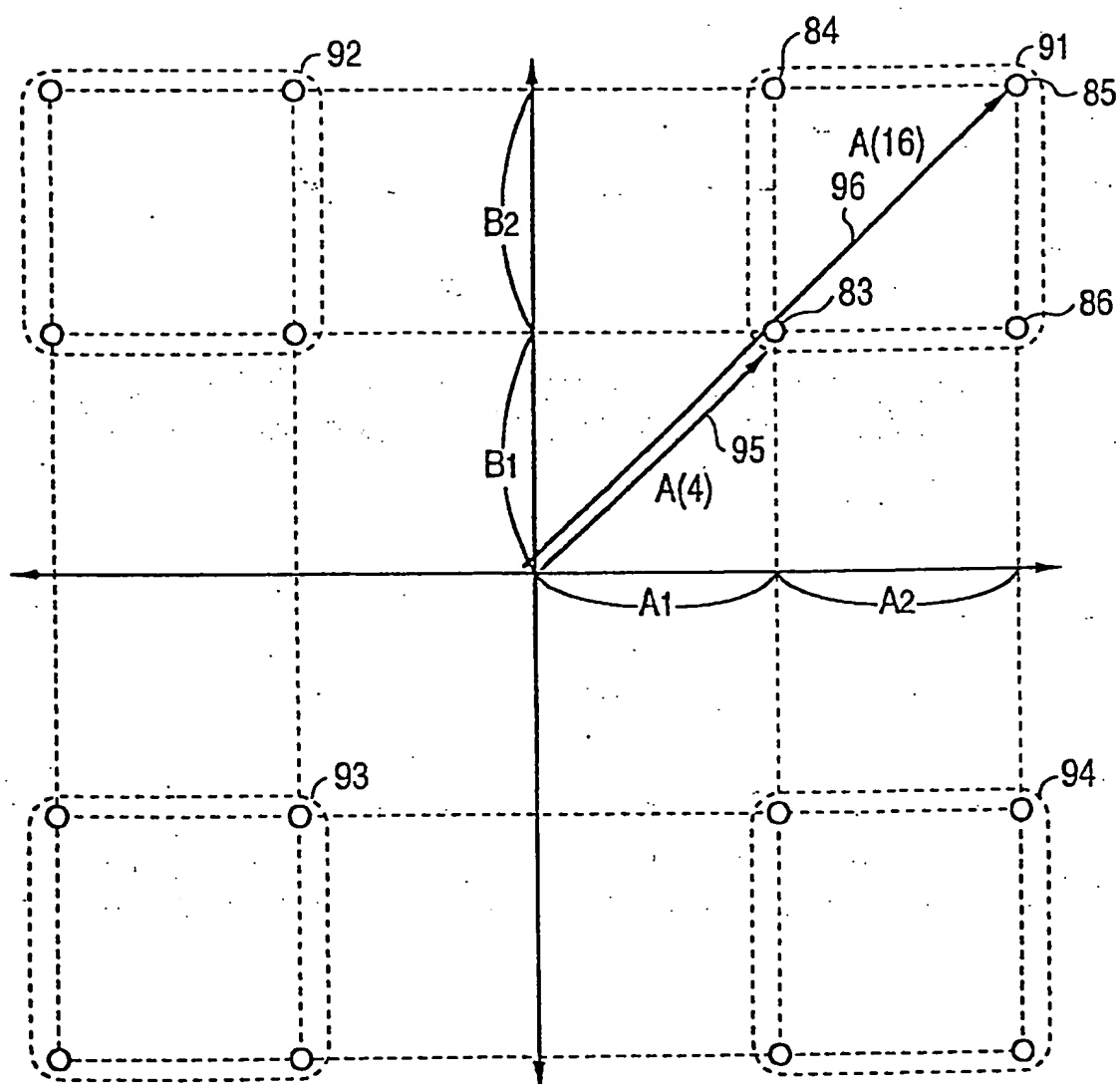


FIG. 17 (Amended)

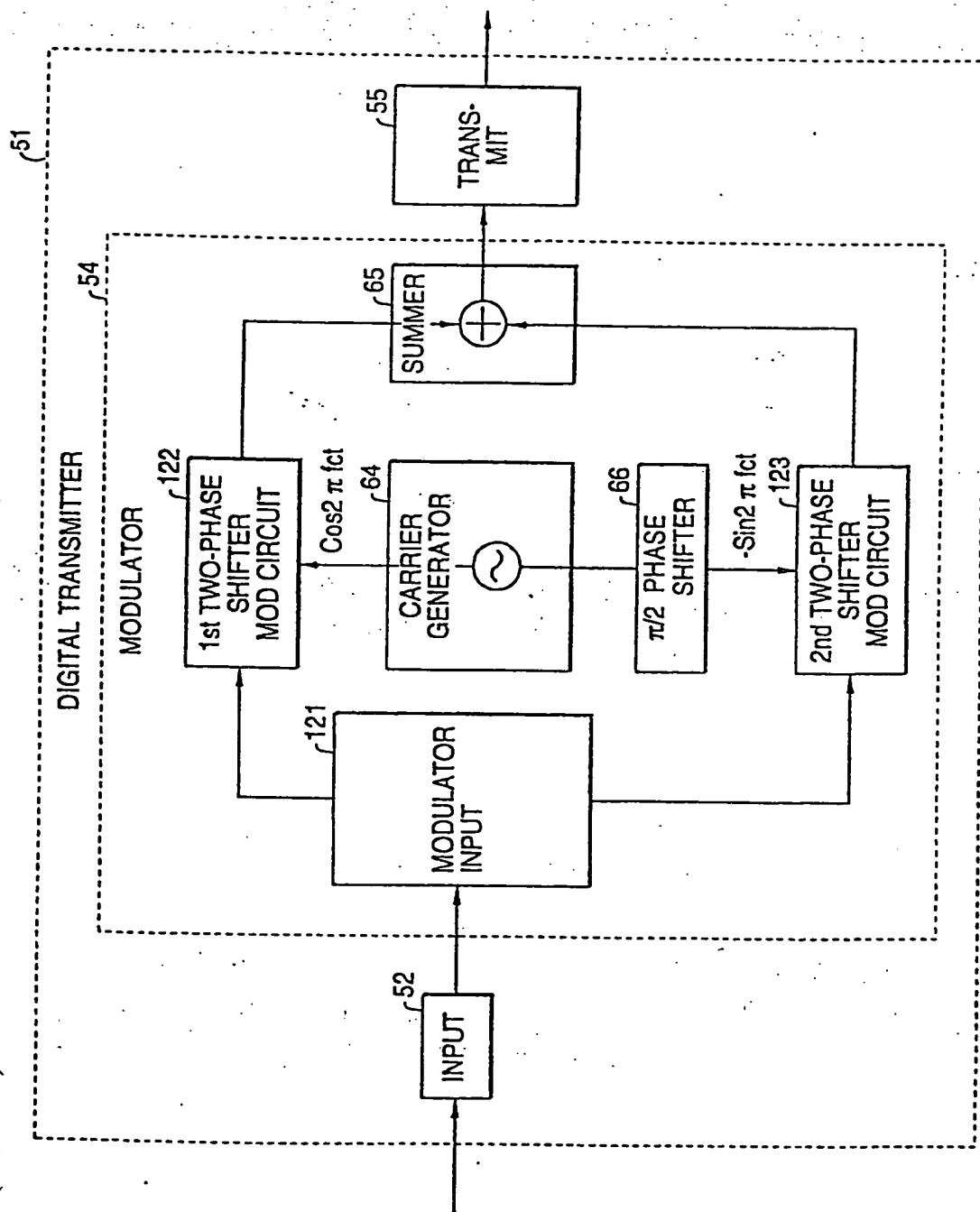


FIG. 29 (Amended)

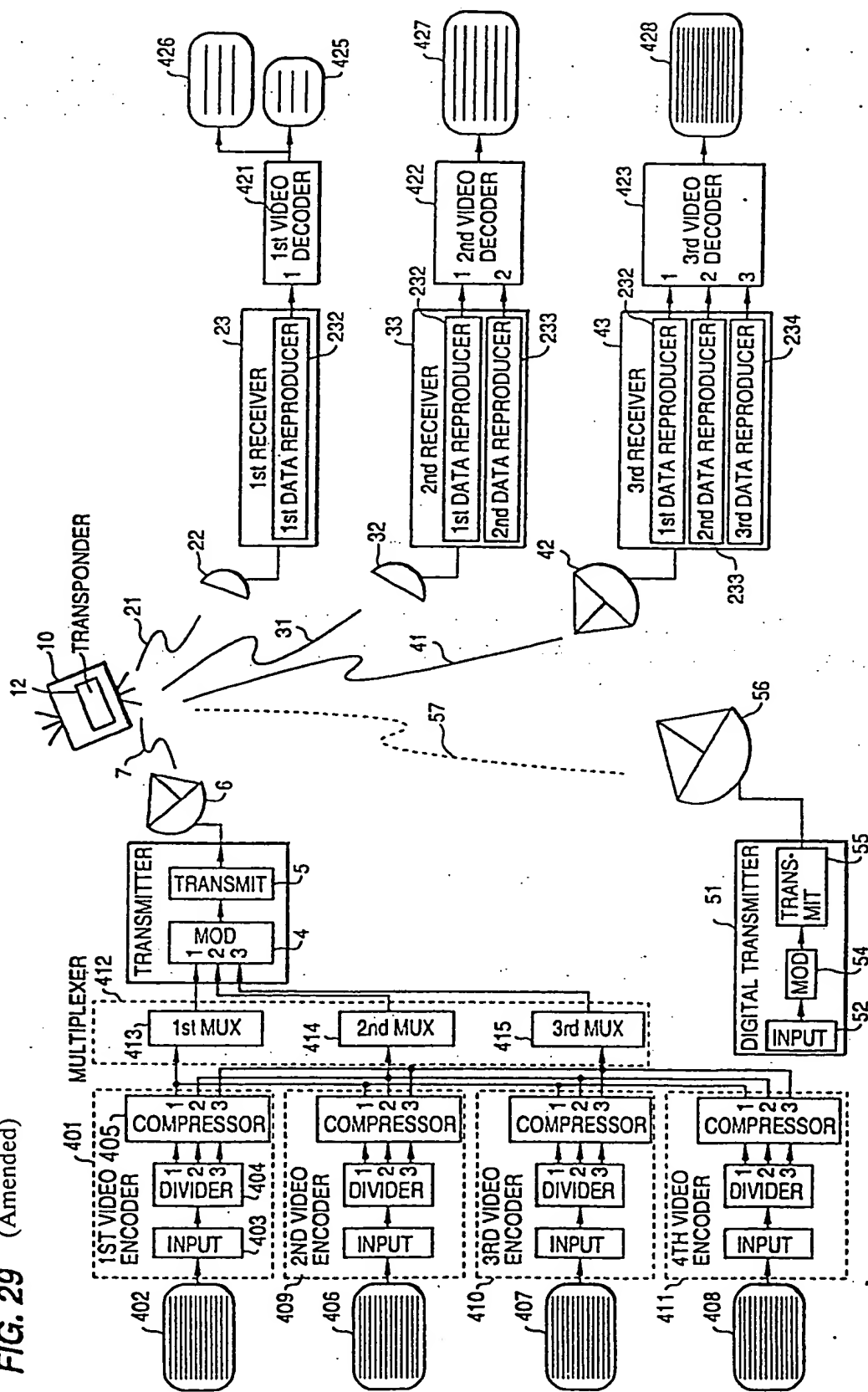
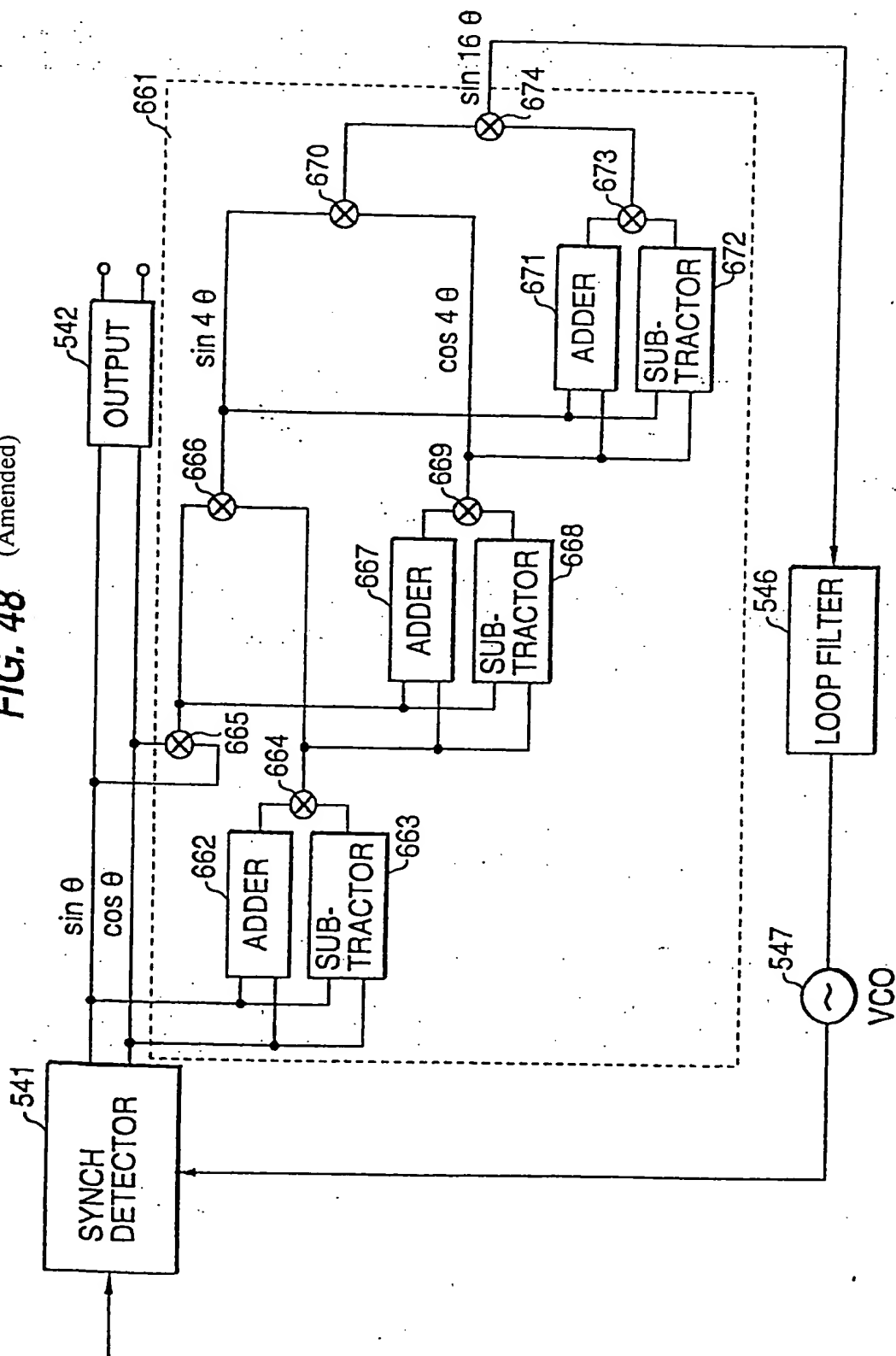


FIG. 48 (Amended)



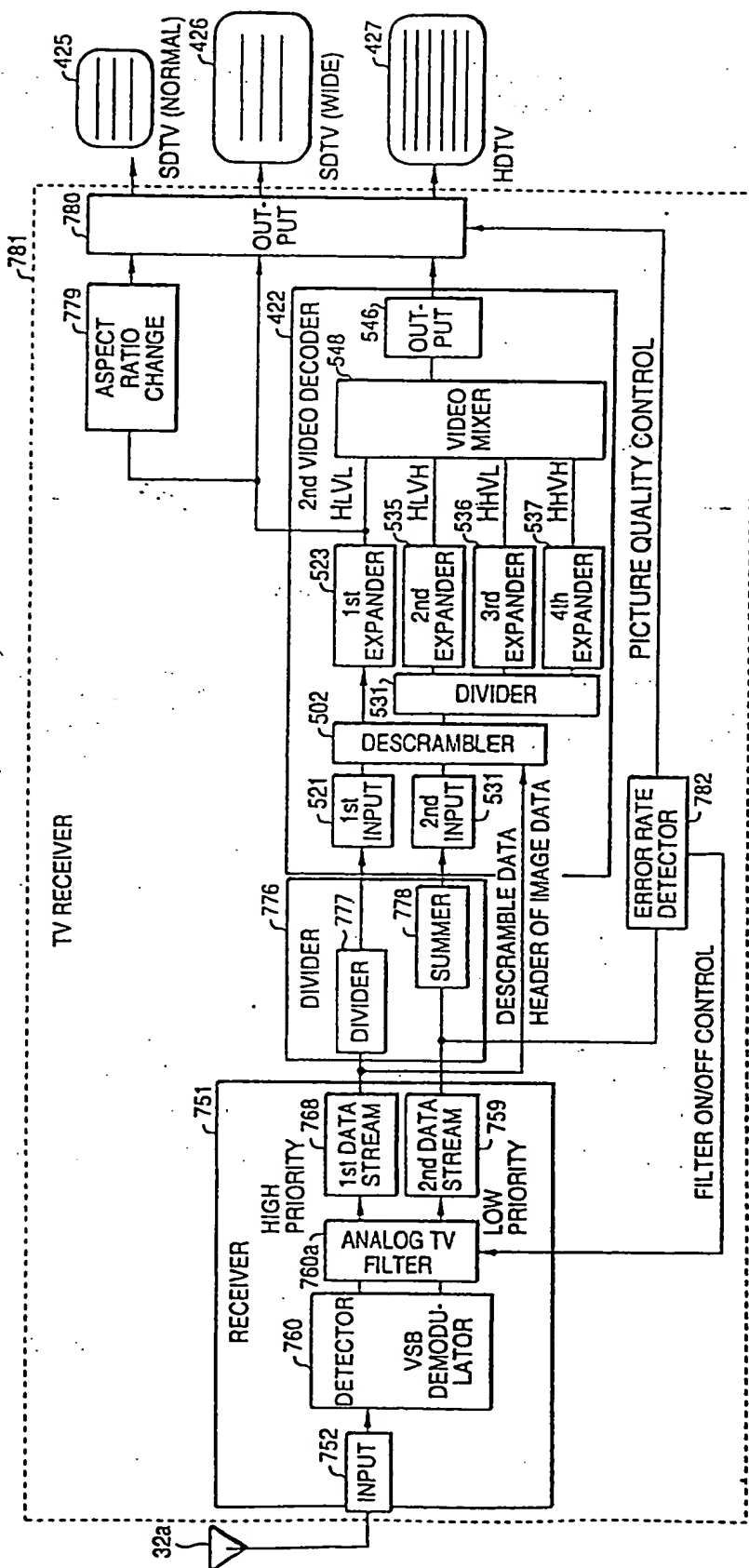


FIG. 67 (Amended)

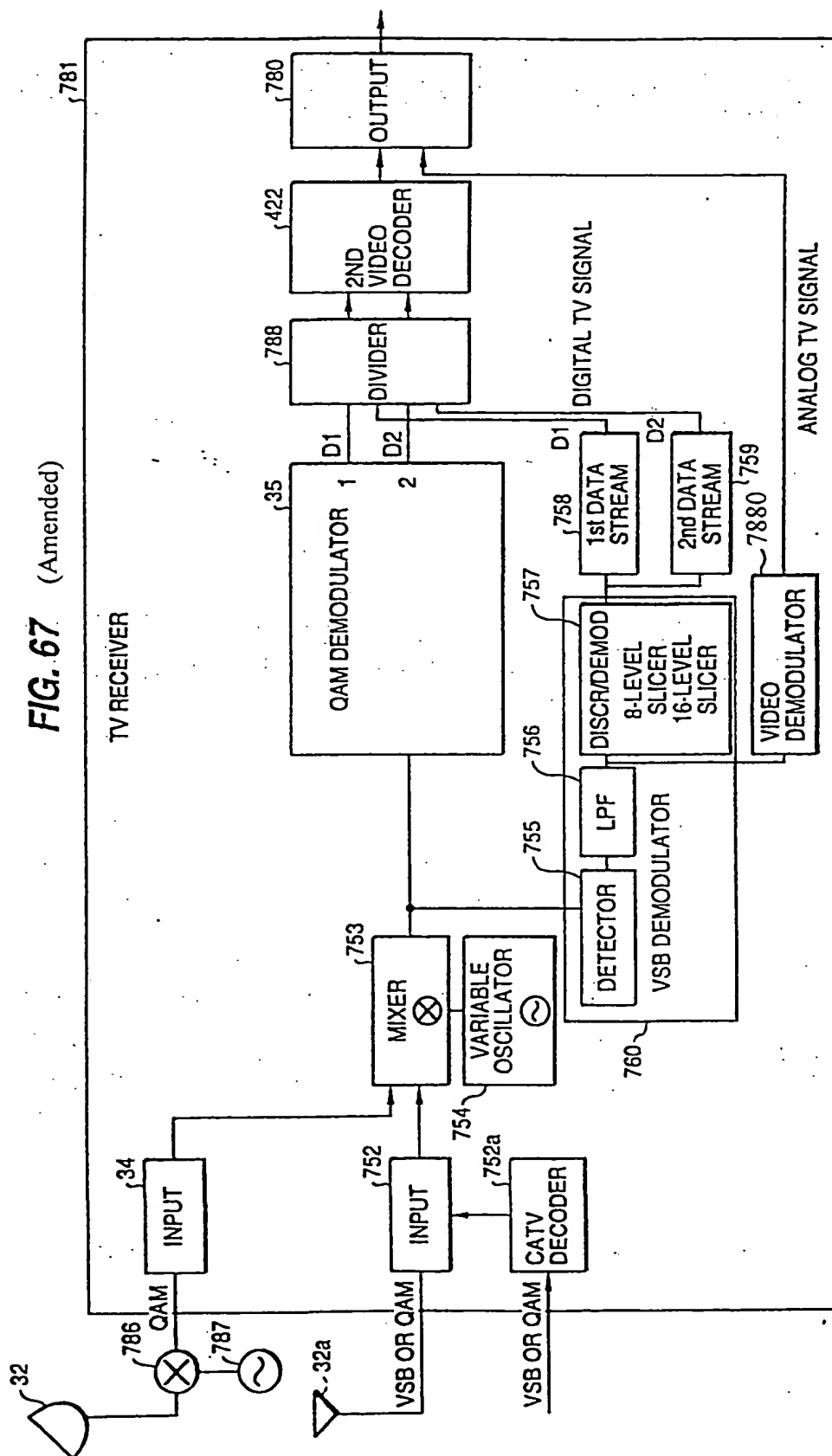


FIG. 93 (Amended)

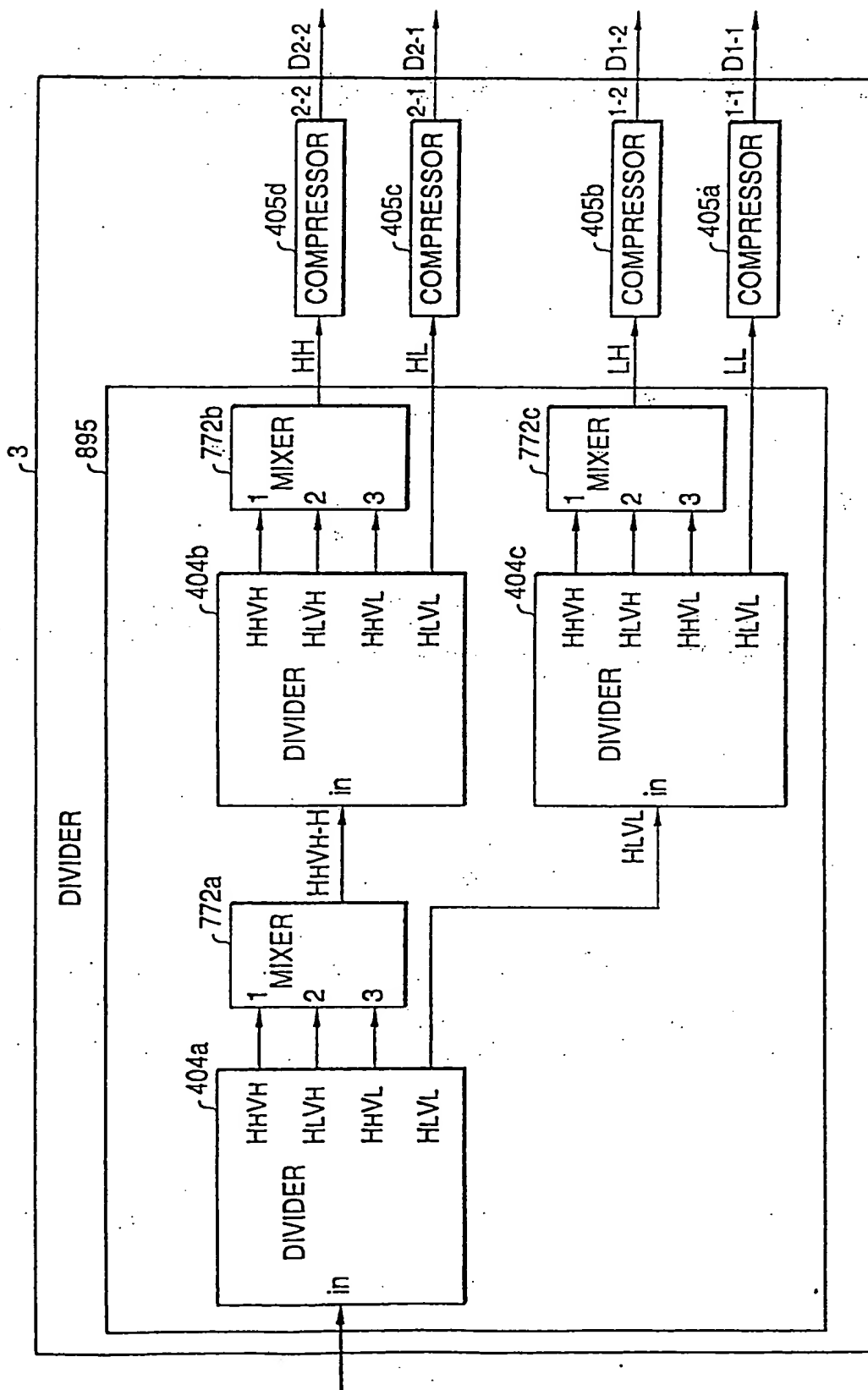
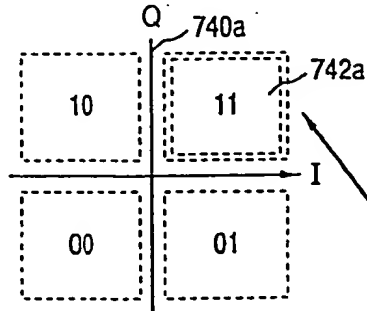
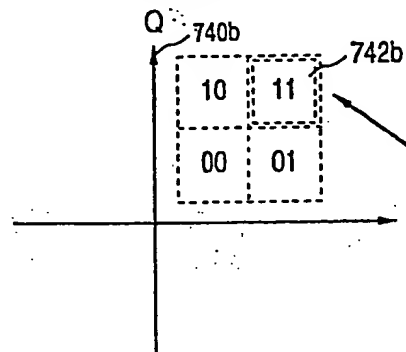


FIG. 112 (Amended)

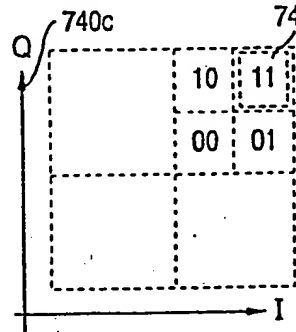
SUBCHANNEL-1 (SRQAM:D1 = 2bit)



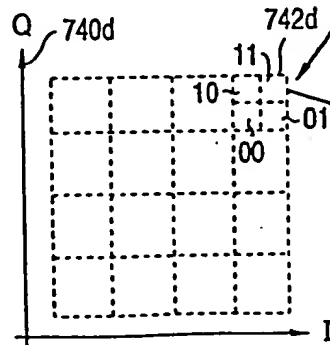
SUBCHANNEL-2 (16-SRQAM:D2 = 2bit)



SUBCHANNEL-3 (64-SRQAM:D3 = 2bit)



SUBCHANNEL-4 (256-SRQAM:D4 = 2bit)



CODE WORD-1

CODE WORD-2

CODE WORD-3

CODE WORD-4

741a ~ 11 2bit
741b ~ 11 2bit

741c ~ 11 2bit

741d ~ 11 2bit

8bit

SIGNAL POINT
CODE WORD
11 11 11 11

FIG. 131 (Amended)

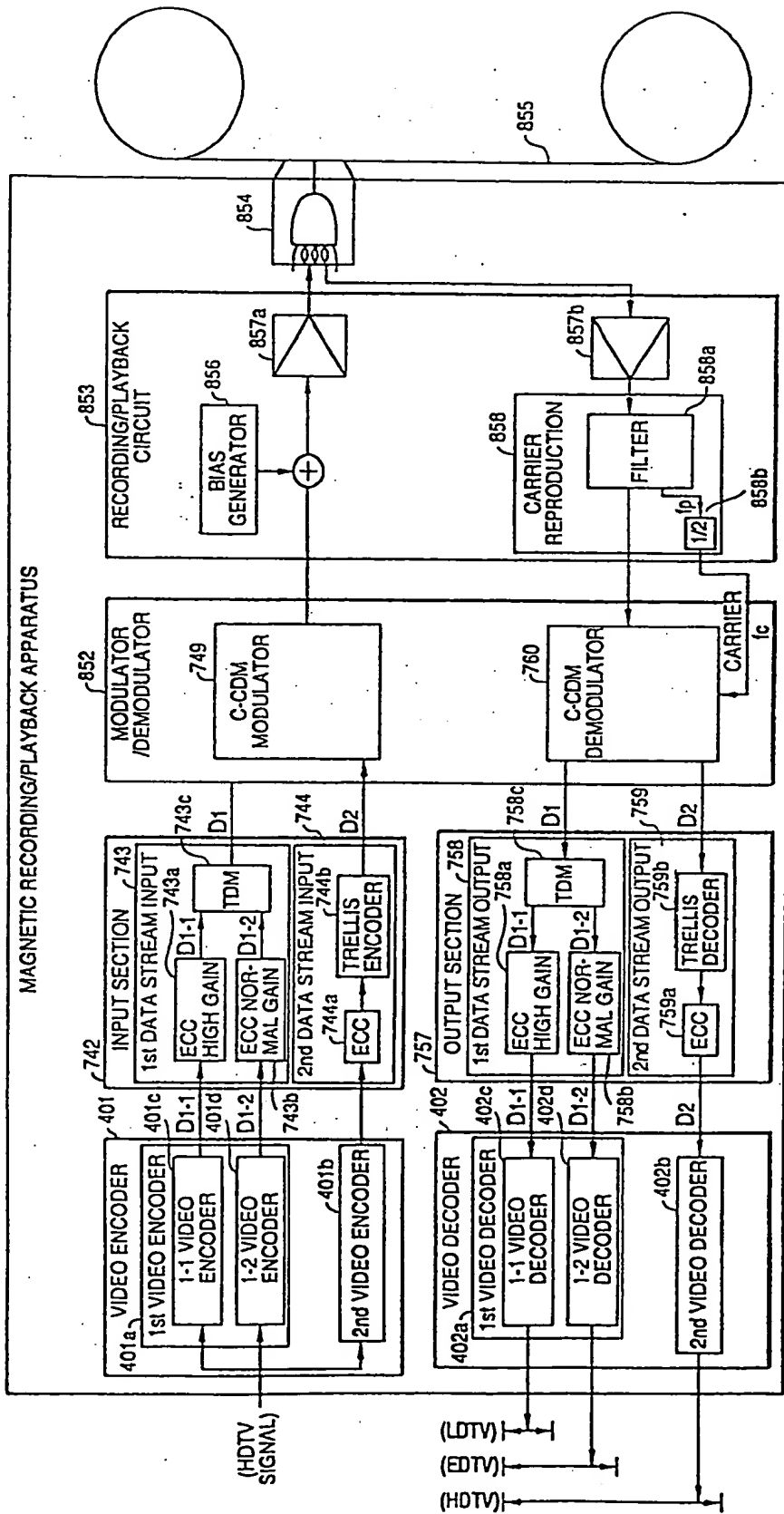


FIG. 144 (Amended)

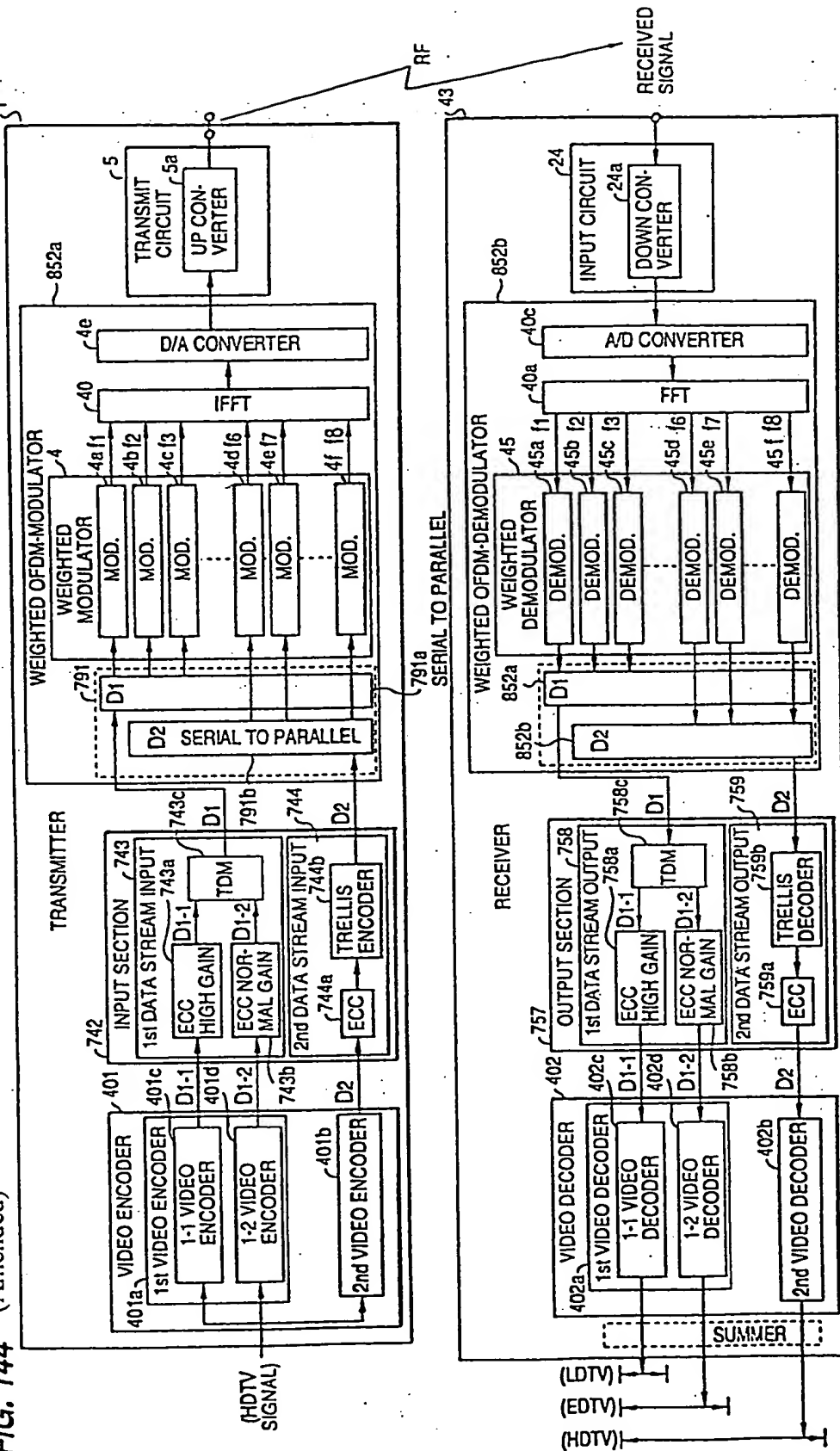


FIG. 169 (Amended)

COMPARISON OF REDUNDANCY

